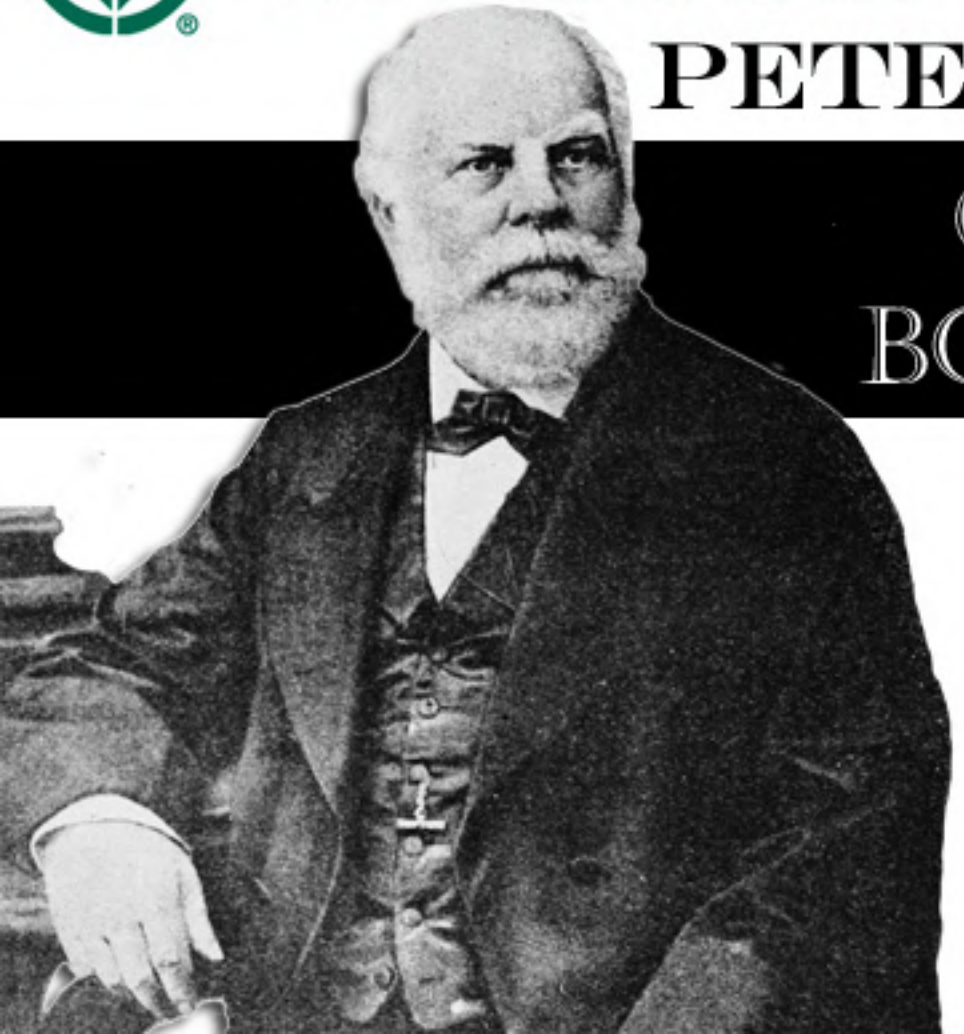
Missouri Botanical Garden

Peter H. Raven Library

George Engelmann Botanical Notebooks



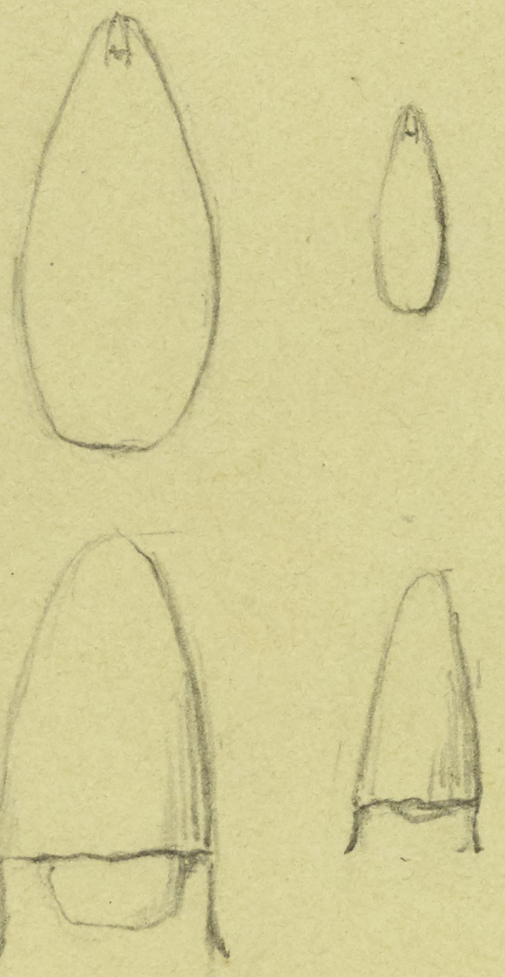
Pagination Note:
Since many of the items lack a specific page number, the page number displayed online refers to the sequentially created number each item was given upon cataloging the materials.

Feb 20 1880

Quercus agrifolia
Calif.

Q. Engelmanni
Texas

Q. pumila
S. Carolina



X 10

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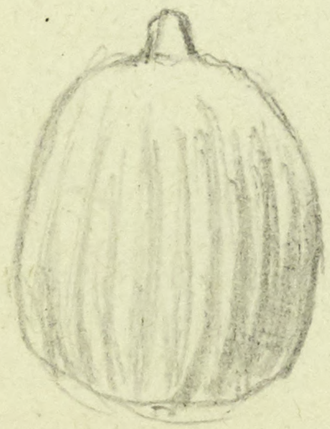
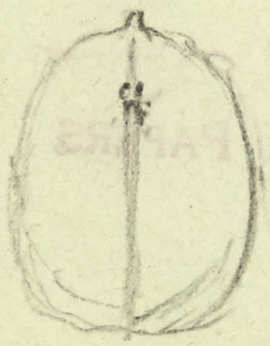
No. 2600 Laclede Ave., S. W. Cor. Jefferson Ave.
ST. LOUIS, MO.

Guam Cates Baci
Wilmyt, Dr Wrot

Nov 14 1882

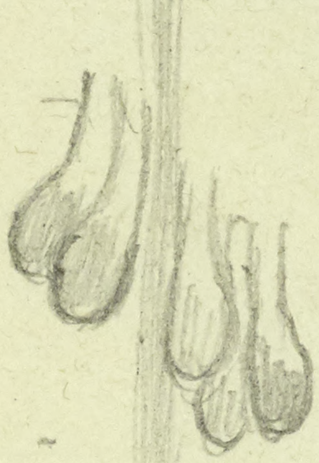




×10

cuticle
as long as
stipes of Cotyledon

×10



upper free part

lower attached part

abortive ovules
abt 3 times below tip

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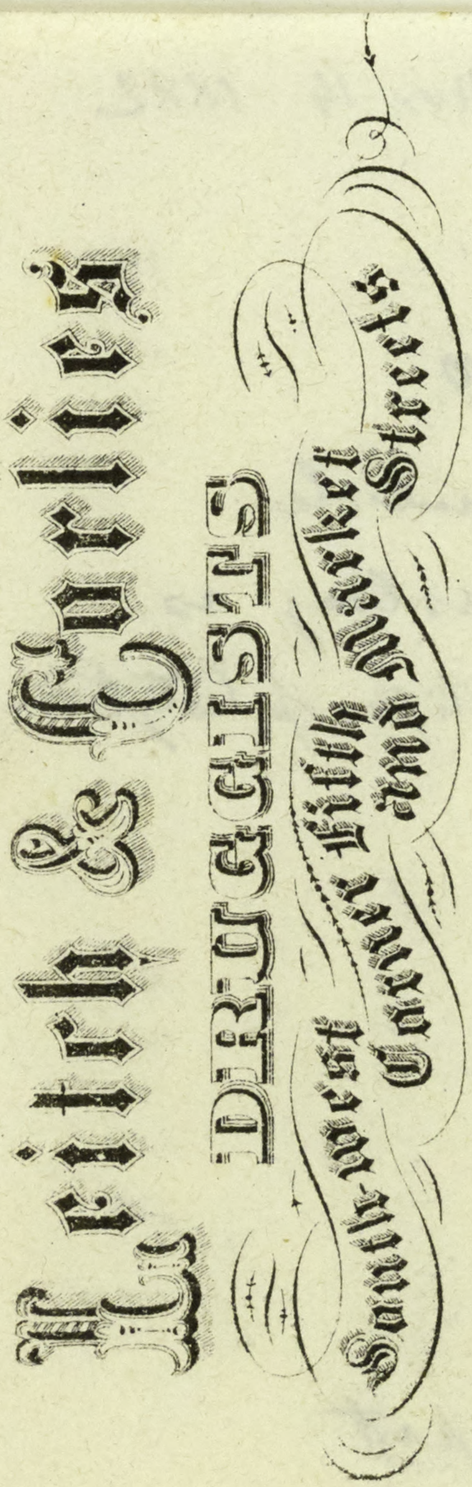

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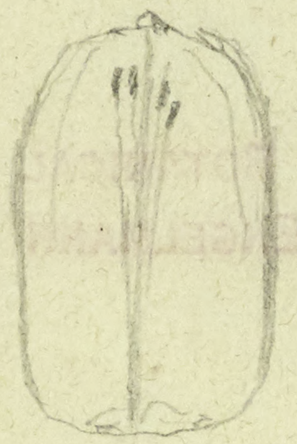
Guaiacum Chrysolepis

Nov 22 1882

Orcutt Oct 1882

acorn



embryo

×10

Stipes of Cotyledons extremely short

& abortive ovules near top

cup

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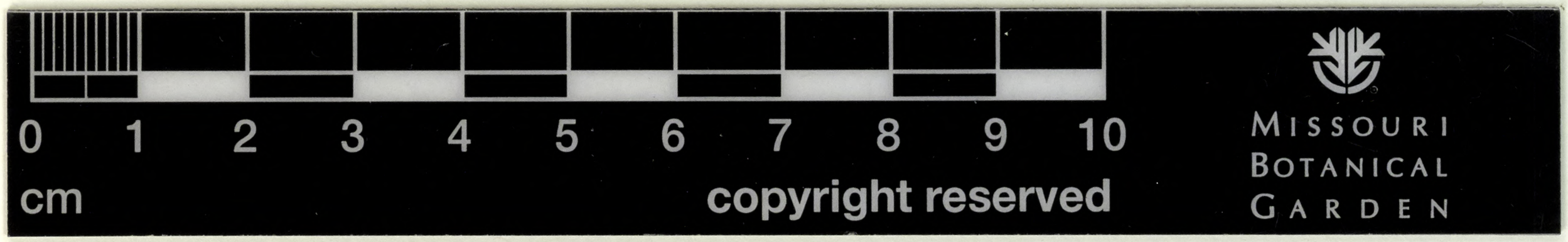
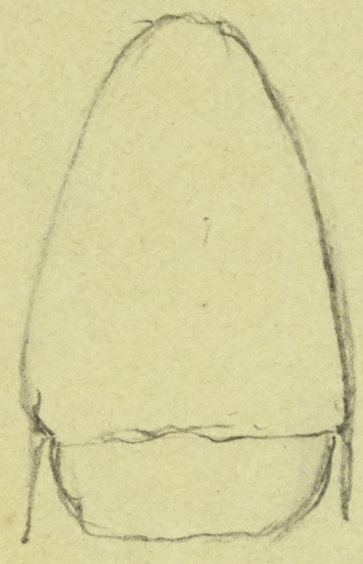


Q. Chrysolepis var crassifolia
San Bernardino, California & Parry

Feb 20
1880

Feb 22
1880

x 10



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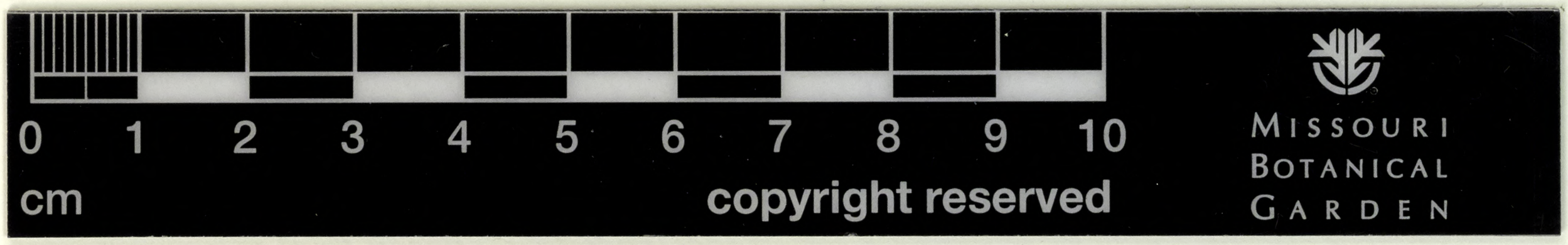
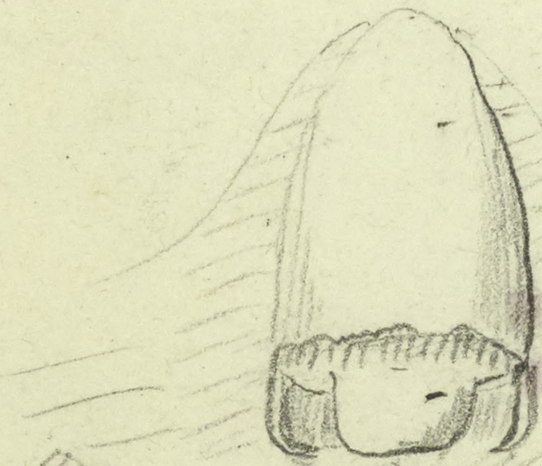
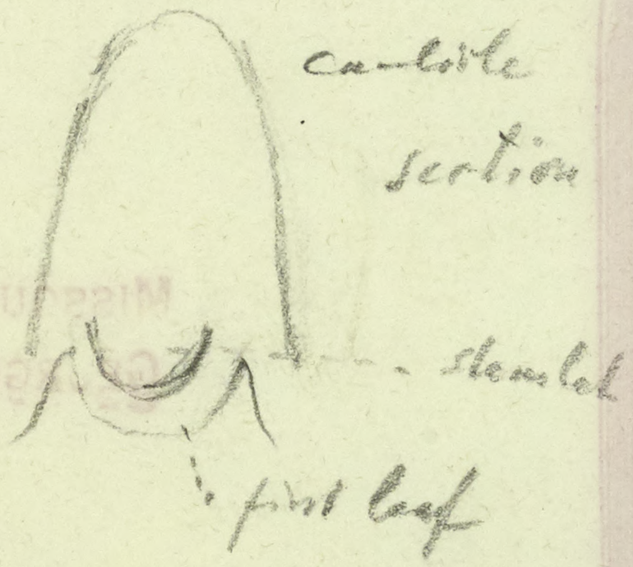


Geum canicum ! Jan 31 1880

Massachusetts

X10



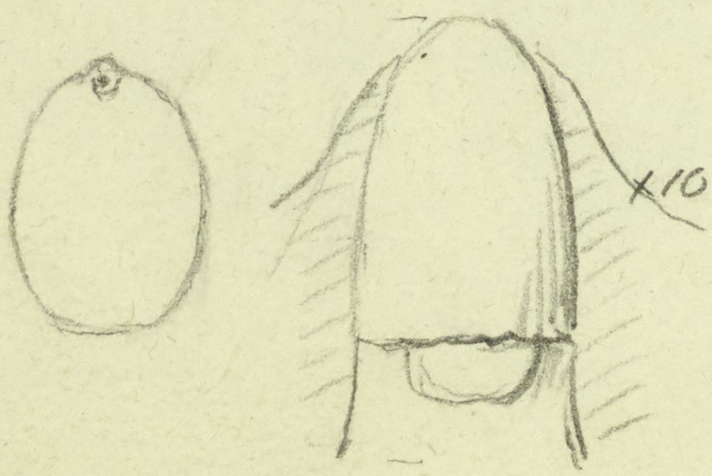


base of cotyledon not covering caudicle completely

Febr 20 1880

G. canicum

Starving Rock, LaSalle 1878



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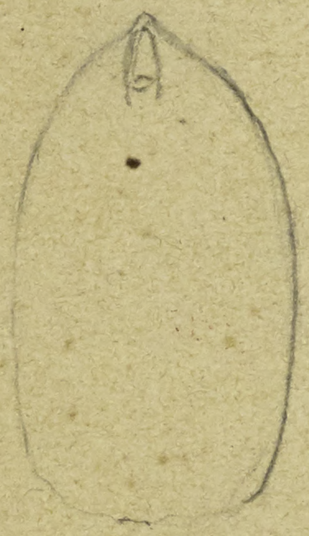
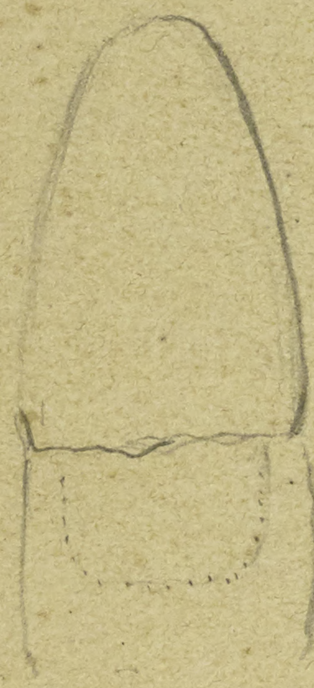
Juncus densiflora
Calif

Febr 22
1880



x 10



probable!
Stem plumb.
Col

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G. heterophylla
Wilmington
Del
Febr 22 1880

x 10

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James Emory
Nov 1 1882

Cowan California. south of Boundary Oct 82

ovules basilar

1 ovule high up
on the side

×10

conidia planuda
and stye of Cotyledon

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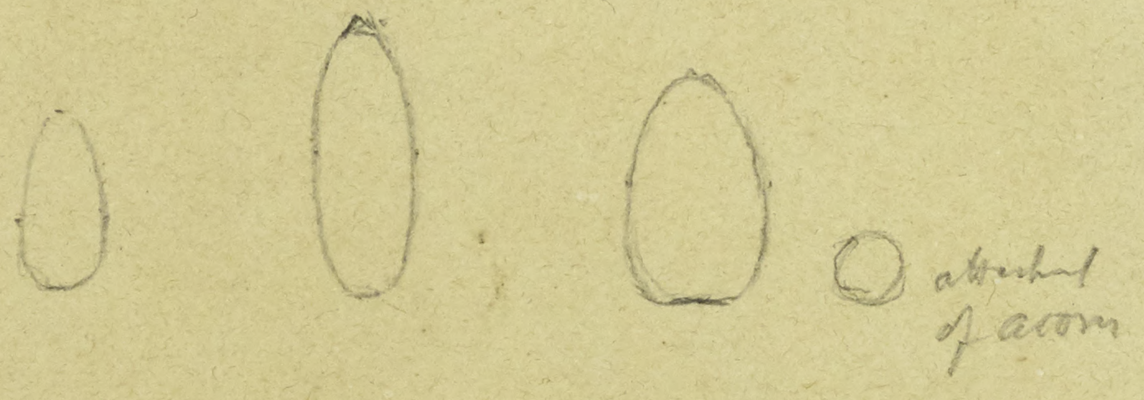
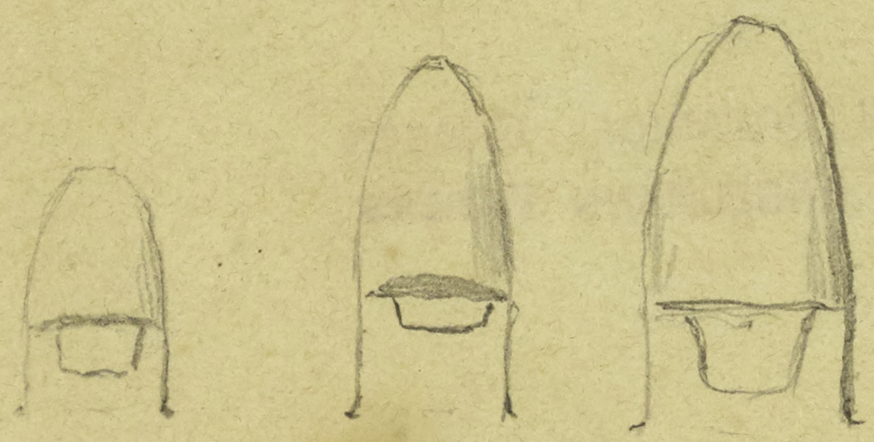
Quercus hypoleucoides
Arizona, C.G. Pringle 1881

Oct 16 1881





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Leitch & Collies

CHROMOGRAPHS

South West Corner Fifth and Market Streets

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Zebr 20 1820

Quercus nigra
St Louis

Q. imbricaria
St Louis

Q. ilicifolia
New Jersey

x10

x10

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ST. LOUIS, MO.

Feb 22 1880

Feb 22 1880

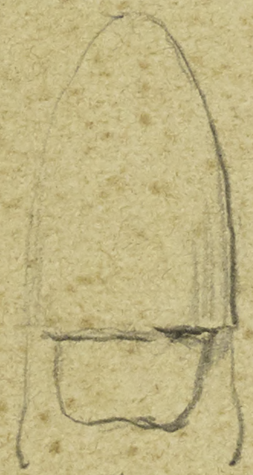
Quercus Leana
St Clair Co
Ludwig Lyhum Ill.

Q. Leana
Congressional Garden
Washington

Q. Sinuata, South Carolina

Cotyledons
somewhat Lobed in Young

×10



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62 48

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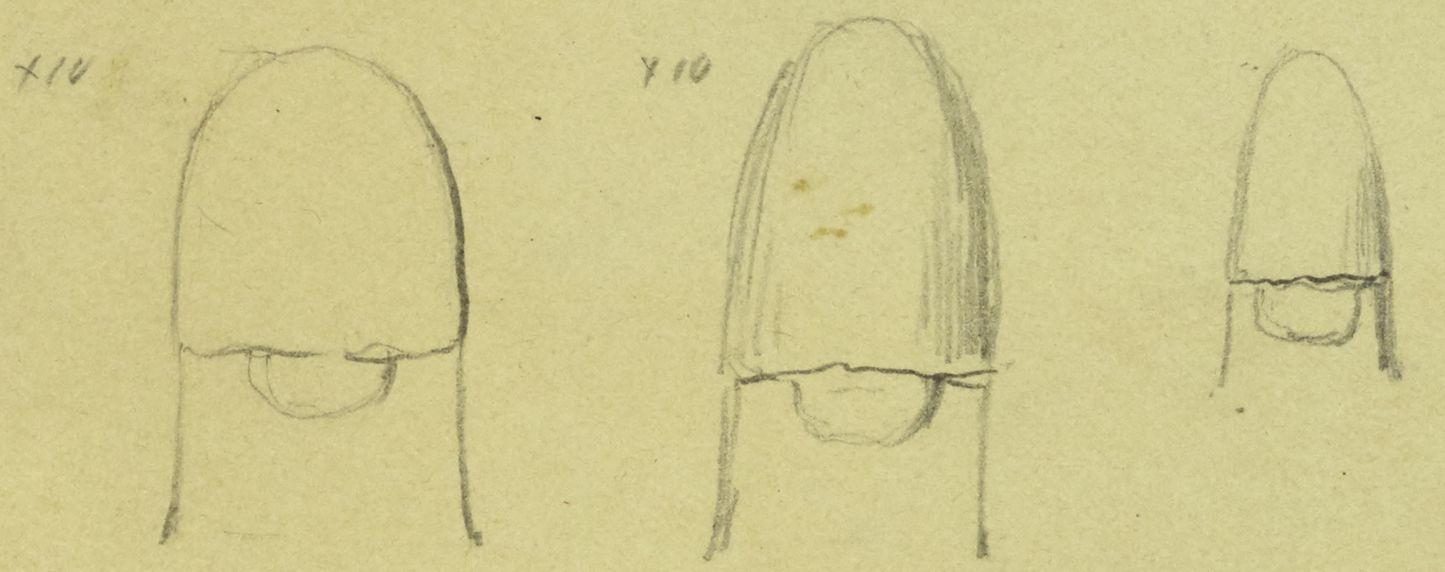
Q. macrocarpa
St Louis

Feb 20 1820
Q. macrocarpa
Bibb No 3

The only white oak with short stipes of cotyledons



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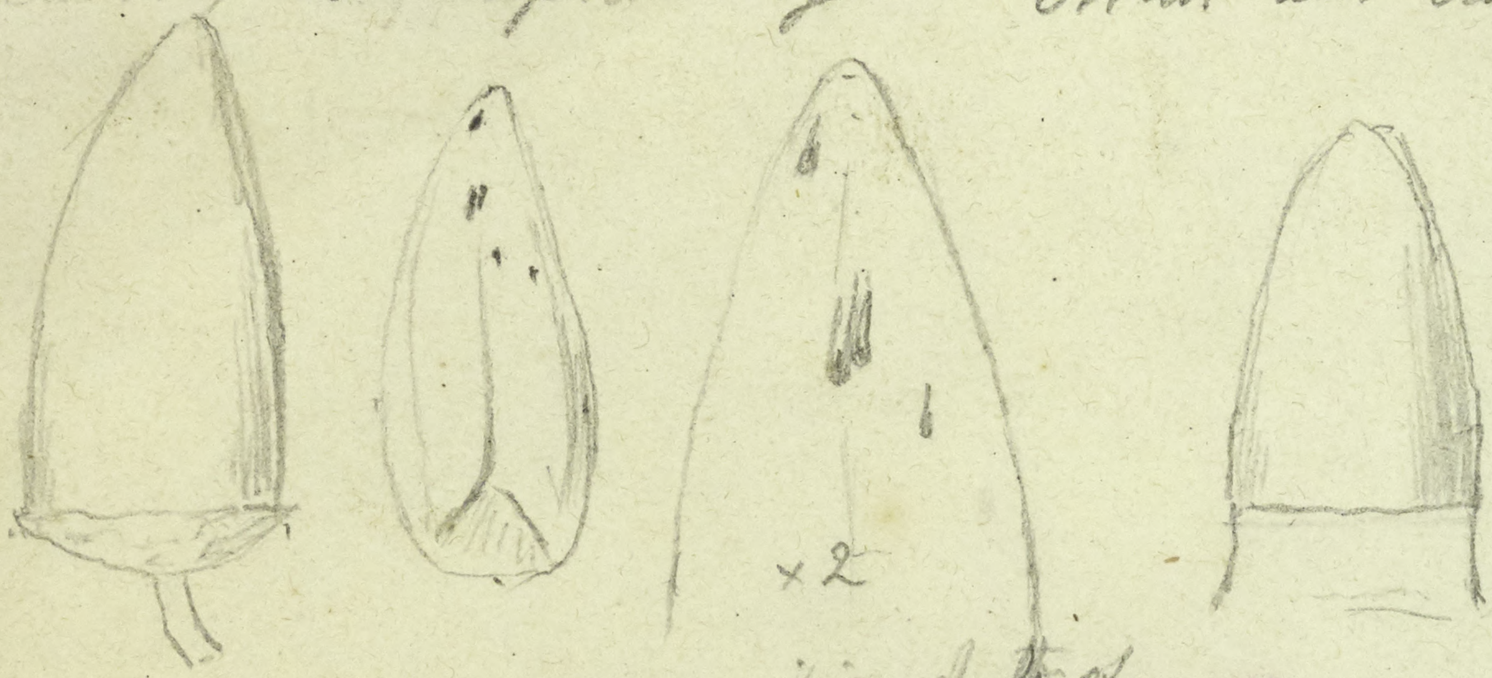
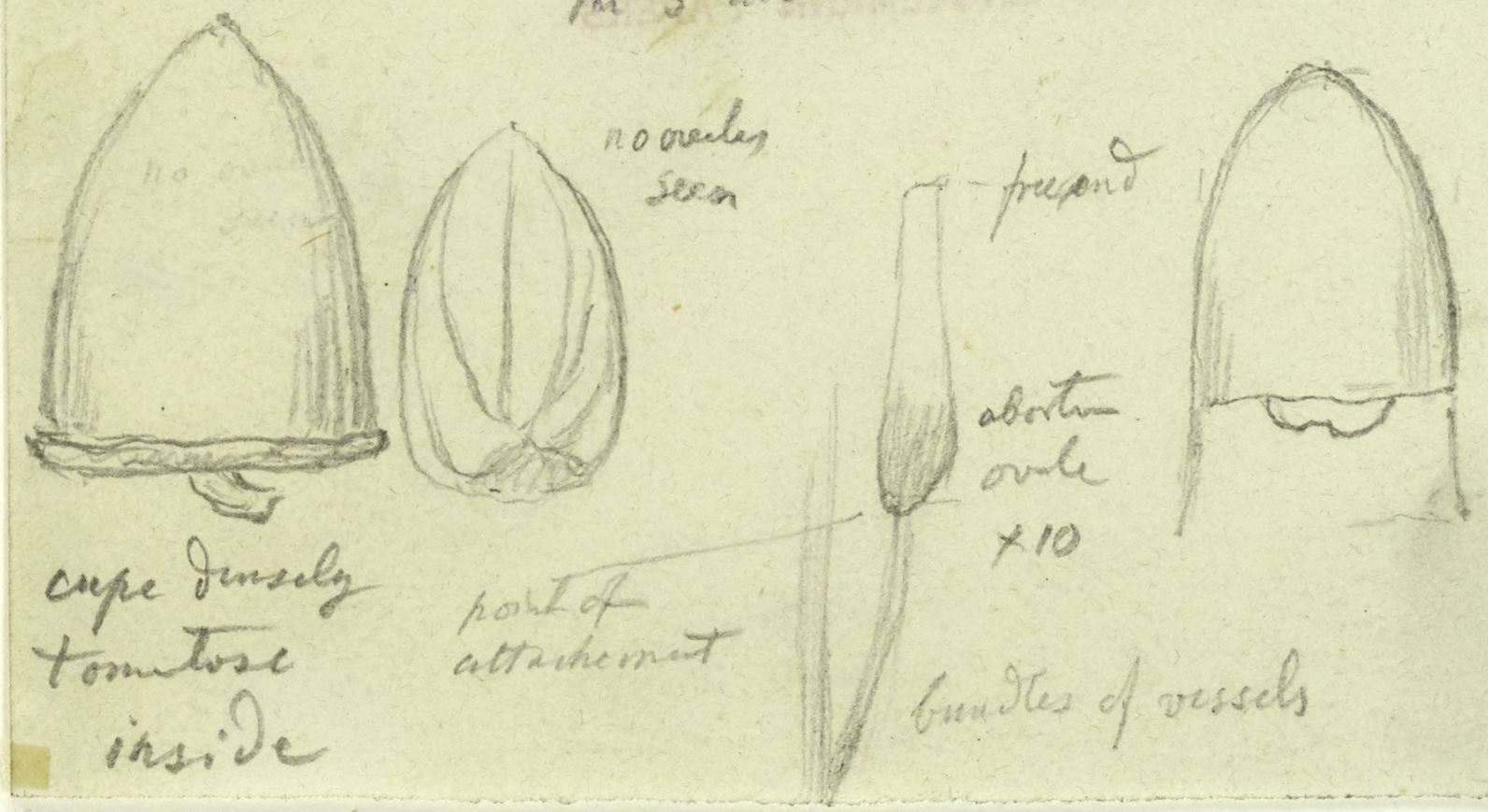
Nov 1st 1882

Guaymas Peninsula

South of Boundary Orcutt mis Oct 1882





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Smith & Curtis
DRUGGISTS
Druggist Building
Corner Fifth and Market Streets
St. Louis

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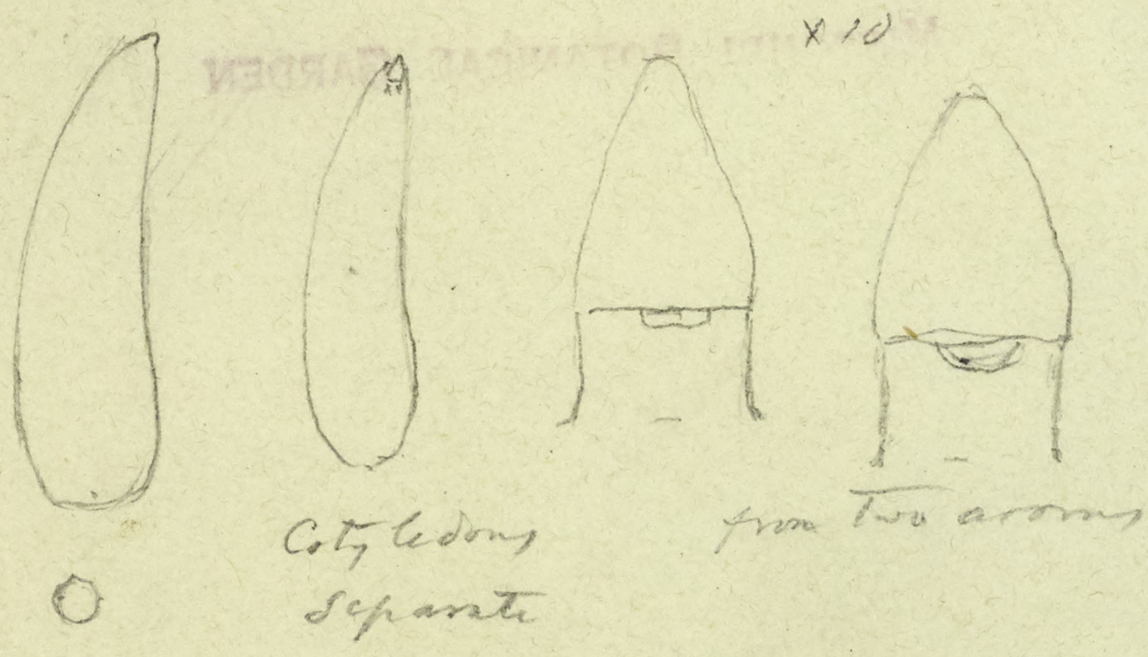
Gymnogramma pengeana ? undulata var ? Nov 20 1882

Mohave Desert, Doyle Sept 1882

Cotyledons separate
and thin slips short —
Therefore form of undulata



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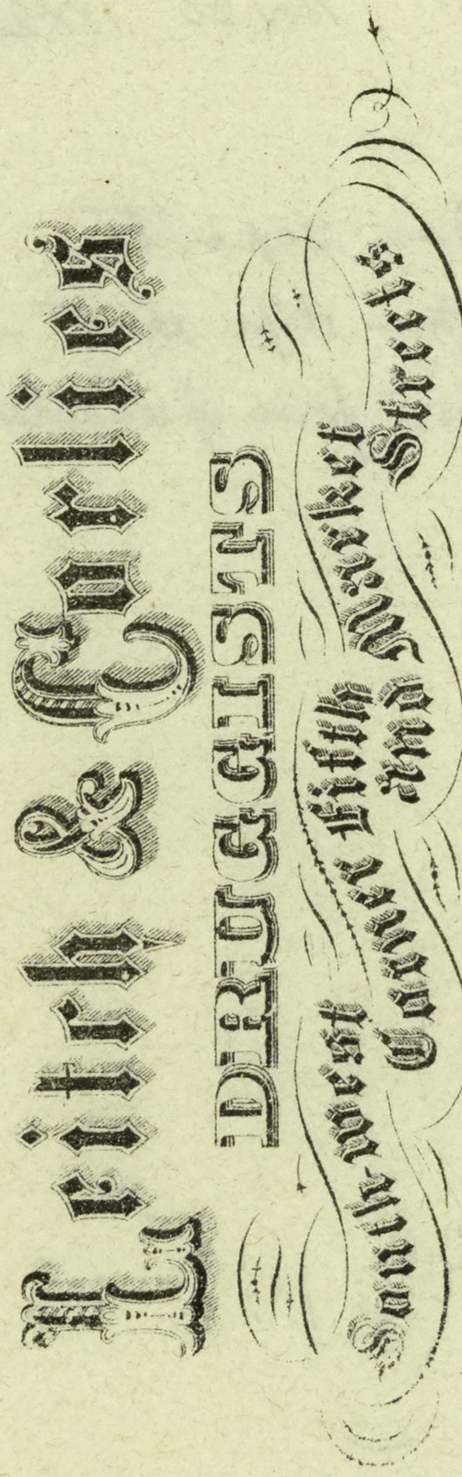

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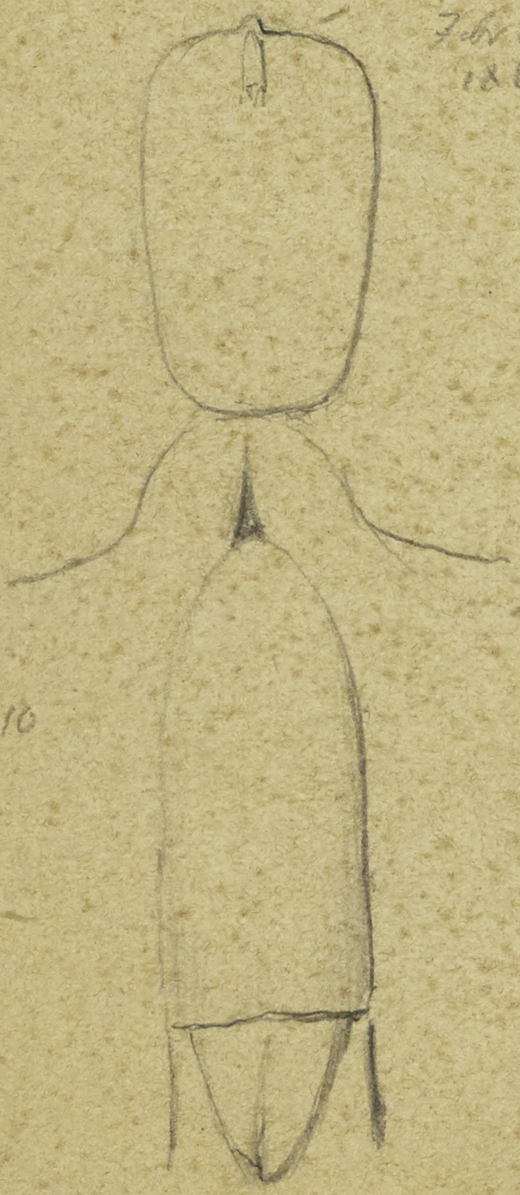
Quercus pedicellata
coll Boston

Feb 22
1880

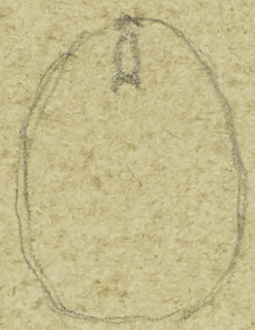


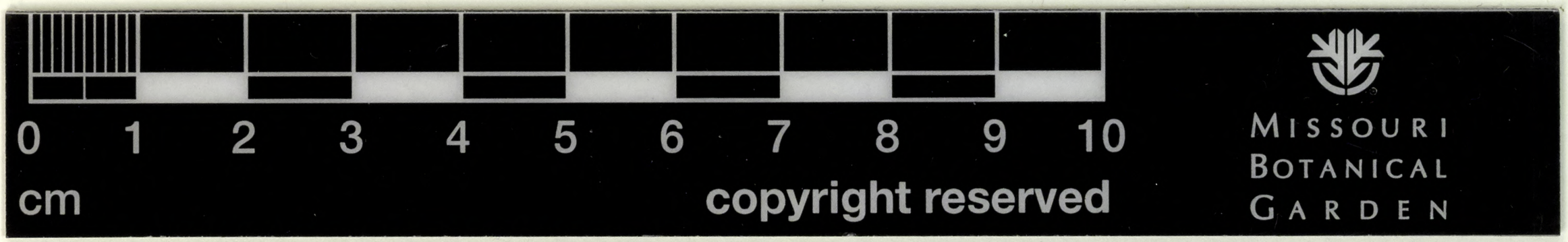
x 10

Geneva

sessiliflora
Carlsruh

Feb 25 1880





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Nov 18th 1881

Quercus reticulata

Lemmon, Mt Graham Arizona 1880

Cotyledons separate

Herbarium of Asa Gray
Gray Herbarium
Harvard University

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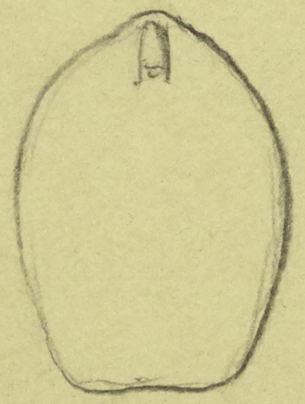
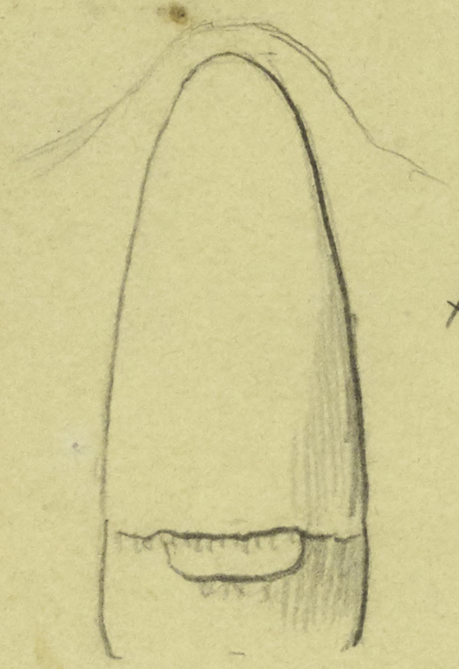
Feb 20 1880

Q. rubra
St Louis

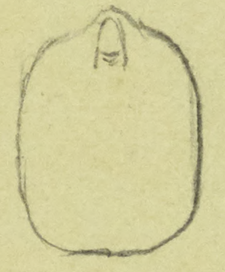




x10

x10

Q. [illegible]
St Louis



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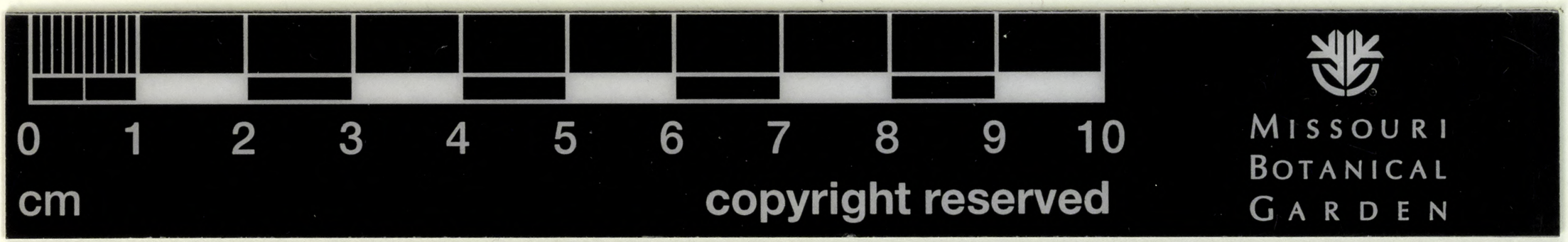

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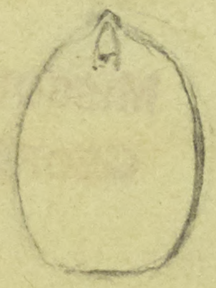
Q. undulata 26.20 1880

var Pambelii
Manitou, Colombo

var Gunnisoni
Colombo



x10

x10

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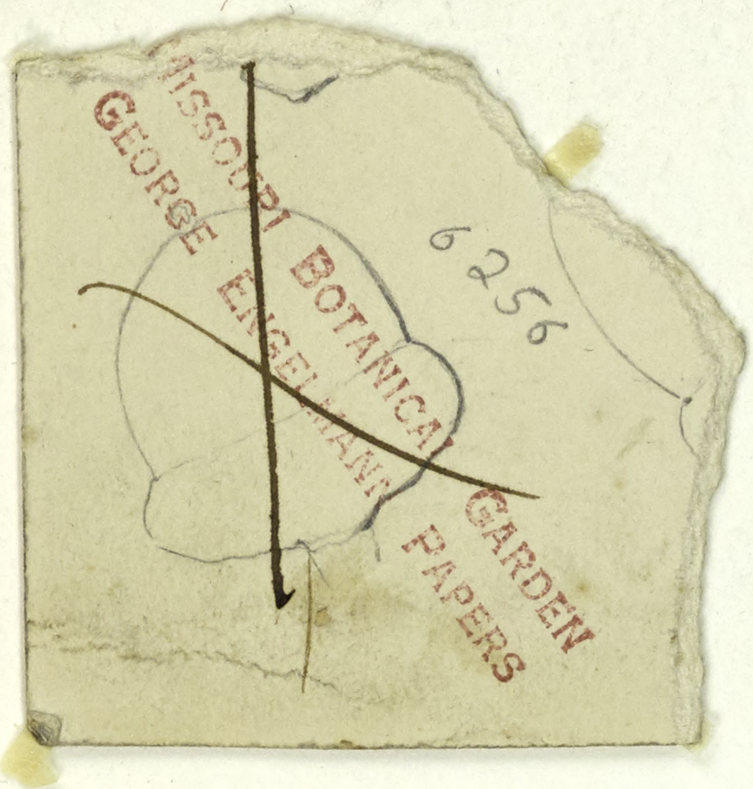

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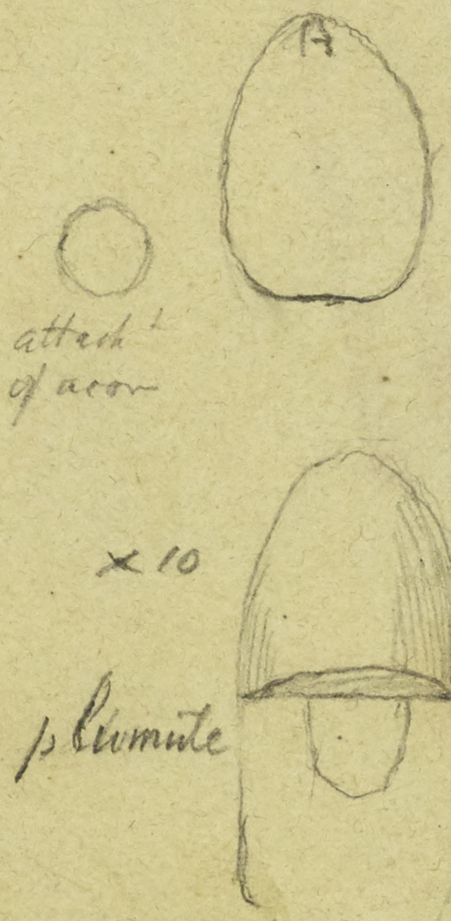
Oct 16 1881

Quercus undulata
var Gambelii
Larger, thicker acorn
from Glen Eyrie, Col
Sept 1881



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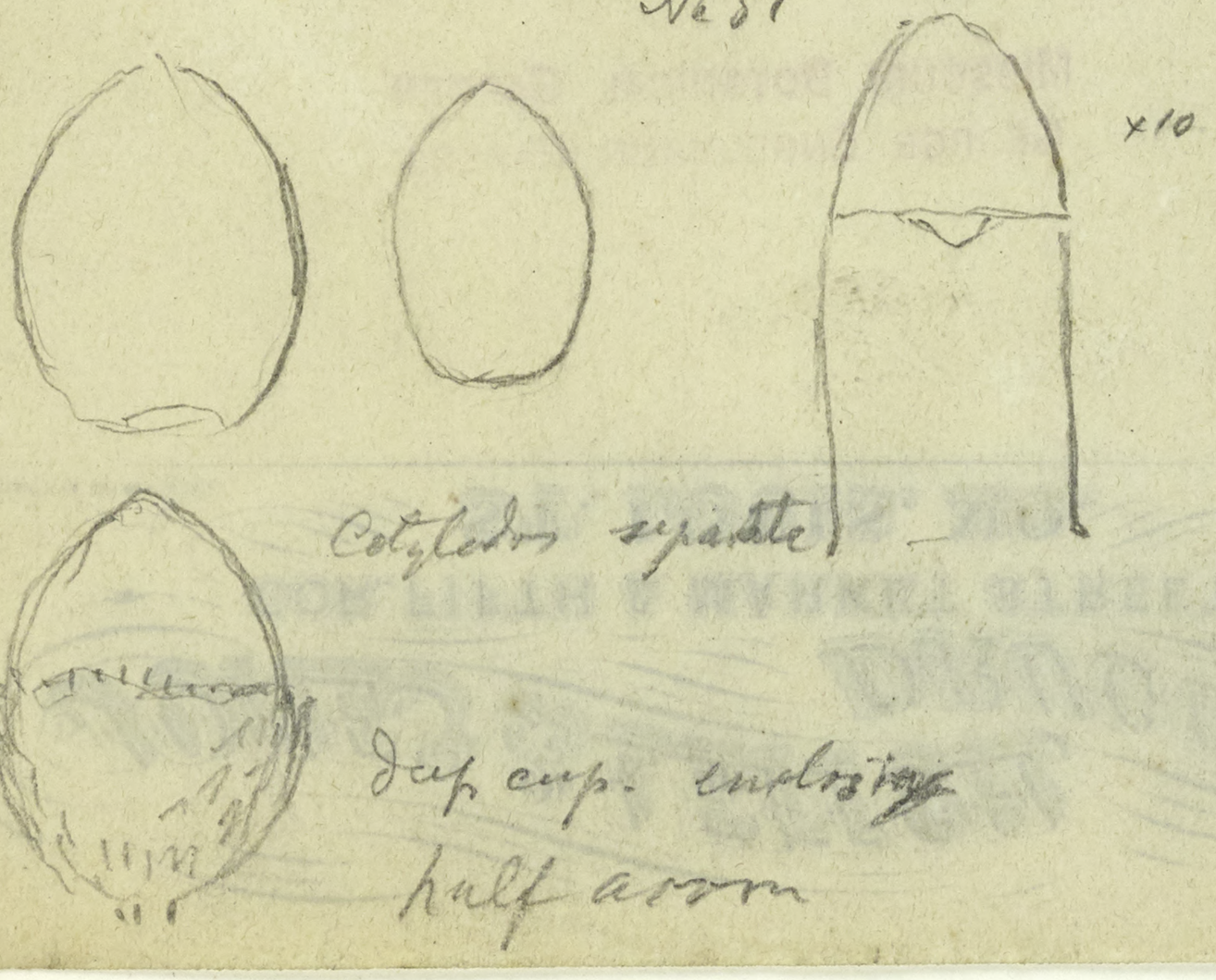
Genus undet. ex Utah ! April 2 1882

Sand Oak, Mt Harvard 1881 Llano Estacado
No 51 Texas



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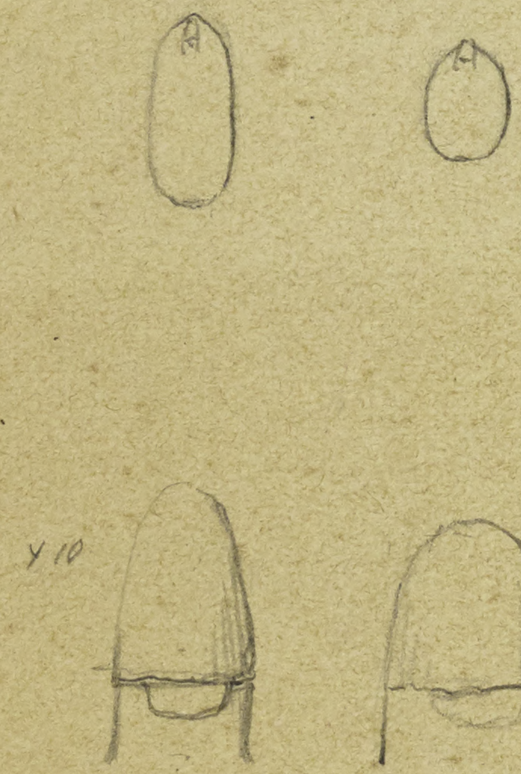
P. undulata
var pringei
Cañon of the Chiricahua
Feb 22 /
1880
S.E 1874



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